

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

09/641,3198	
<u> </u>	
4/28/02	
	OIPE

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker

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- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
- 3. Hand Carry directly to:
 - U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
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Revised 01/29/2002



OIPE

Does Not Comply
Corrector Control Needed

RAW SEQUENCE LISTING

3 <110> APPLICANT: Slater, Michael

PATENT APPLICATION: US/09/641,319B

DATE: 04/26/2002

TIME: 12:39:38

Input Set : A:\04578-~1.txt

Output Set: N:\CRF3\04262002\I641319B.raw

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5			Hartnett, James														
-	~120×						I · Mı	itant	- т и г	e Pol	vmei	rases					
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			CURRENT APPLICATION NUMBER: 09/641,319B														
			CURRENT FILING DATE: 2000-08-18														
			PRIOR APPLICATION NUMBER: 09/385,986														
			PRIOR FILING DATE: 1999-08-30														
		> PRIOR APPLICATION NUMBER: 08/484,661															
		50> PRIOR APPLICATION NUMBER: 00/404/001 51> PRIOR FILING DATE: 1995-06-07															
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	CONTRACTOR																
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36		мта	AIG	neu	5	пси	1110	нэр	O11	10	1114	1104		-1-	15		
	tat t	+ = 0	acc	ctc	_	aga	tcc	ctt	tcc		tec	aca	gga	at.t.		acσ	96
30	Tyr :	Tur	Δla	Len	Asn.	Ara	Ser	Len	Ser	Thr	Ser	Thr	Glv	Tle	Pro	Thr	
40	TYL .	- y -	niu	20	W.P.P	1119	561	104	25				0-1	30	•		
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13	Asn A	Δla	Val	Tur	Glv	Val	Ala	Ara	Met	Leu	Val	Lvs	Phe	Ile	Lvs	Ğlu	
44	AJII I	niu	35	- 1 -	011	, 41	****	40				-1-	4.5		_1 -		
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47	His :	Tle	Tle	Pro	Glu	Lvs	Asp	Tvr	Ala	Ala	Val	Āla	Phe	Āsp	Lys	Lys	
48		50				-1	55	- 1 -				60		•	-	-	
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55	Pro 1	Lvs	Thr	Pro	Asp	Leu	Leu	Val	Gln	Gln	Leu	Pro	Tyr	Ile	Lys	Arq	
56		_, _			85					90			•		95	_	
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59	Leu :	Ile	Glu	Ala	Leu	Glv	Phe	Lys	Val	Leu	Ğlu	Leu	Ğlu	Gly	Tyr	Glu	
60		·		100		- 4		-	105					110	-		
	gca	gac	gat		atc	qcc	acq	ctt	qca	qtc	aaq	ggc	tgc	acg	ttt	ttt	384
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/641,319B

DATE: 04/26/2002
TIME: 12:39:38

Input Set : A:\04578--1.txt

Output Set: N:\CRF3\04262002\I641319B.raw

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64	gat	a 2 a	115	++0	2+2	2 + 2	200		σa c	aan	cat	ato		caa	ctt	σta	432
	Asp																432
68	_	130	116	rne	116	116	135	Gry	изь	цуз	изр	140	пси	0111	пси	vu i	
	aac		aad	ata	аап	atc		аσа	atc	atc	ааσ		ata	tea	gat	ctt	480
	Asn																
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	gag	ctt	tac	gat	tica		aaσ	a t.a	aaa	σaa		tac	aat	ata	qaa	cca	528
	Glu																
76	o_u		-1-		165	-1-	-1-		-1-	170	5	- 1 -	. 1		175		
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	Ile																
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87	Gly	Lys	Tyr	Arg	Asn	Leu	Glu	Asp	Ile	Leu	Glu	His	Ala	Arg	Glu	Leu	
88		210					215					220					
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91	Pro	Gln	Arg	Val	Arg	Lys	Ala	Leu	Leu	Arg	Asp	Arg	Glu	Val	Ala	Ile	
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94	ctc	agt	aaa	aaa	ctt	gca	act	ctg	gtg	acg	aac	gca	cct	gtt	gaa	gtg	768
95	Leu	Ser	Lys	Lys	Leu	Ala	Thr	Leu	Val		Asn	Ala	Pro	Val		Val	
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10	2 ccg	, ata	i tto	j aaa	ı gaa	ı ctg	g gag	j tti	get	tco	ato	c ato	gaaq	g gaa	CU	caa	864
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10			275					280			. ~	+.	285			cat	912
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10						ot o				r ata	. aad		-	t cc:	a tot	ttt	960
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	2 305			5 610	LASE	310		. 010	ı Dy.	, 200	315				, ,,,	320	
			т пас	· ctt	. gaa			tac	a off	gad			c aac	e tai	t gad	gata	1008
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11		. Dec		, 100	325					330			-		33!		
		a a a	ato	t tac			ı tto	e aaa	a cco			a qc	t tai	t tac	ati	cca	1056
																e Pro	
12				340					345				_	350			
		cat	cad			ge	cac	g aat	t ctt	gat	gaa	a aca	a cto	g gto	gicto	g tcg	1104
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12	6 aag	g tto	j aaa	a gaq	ato	cto	gaa	a gao	000	tct	to	gaa	g at	t gt	g ggt	t cag	1152
12	7 Lys	Lei	ı Lys	s Glu	1 Ile	e Lei	ı Glı	ı Asp	Pro	Sei	s Sei	r Ly	s Ile	e Vai	l Gl	y Gln	

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									Val									1200
		385	пеп	пуз	тут	изр	390	цуз	Val	пеа	Mec	395	шуз	GLY	110	Det	400	
			tat	cca	cat	+++		aca	atg	ata	act		tat	ttα	cta	σασ		1248
									Met									1240
	36	Val	ıyı	PIO	nis	405	изъ	1111	Mec	TTC	410	AIG	1 y 1	пси	пец	415	110	
		aac	σаσ	aaa	aaa		aat	ctc	gaa	σat		tet	tta	aaa	+++		gga	1296
									Glu									1230
	40	ASII	Olu	БуЗ	420	1 110	11511	пси	Ora	425	шец	001	Dou	2,5	430	LCu		
		tac	aaa	atσ		tct	tat	caq	gaa	cta	atq	tca	ttt	tcc		cca	ctt	1344
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		Val	Asp		Glu	Phe	Leu	Lys	Lys	Leu	Ser	Glu	Glu	_	GIY	Lys	Lys	
	64			515					520	+	~~~	-+-	~~~	525	~~~	~~~	++~	1632
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		Leu	530	GIU	Leu	Ald	GIU	ьуs 535	Ile	тут	GIII	ire	540	GIY	GIU	PIO	Pile	
	68 70	220		22+	+ 0+	003	222		gtt	+ 0 2	220	ato		+++	тап	220	cta	1680
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/641,319B

DATE: 04/26/2002
TIME: 12:39:38

Input Set : A:\04578-~1.txt

Output Set: N:\CRF3\04262002\1641319B.raw

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224			755					760			~~~	~	765	+ 2.0	at a	200	2352
226	tac	atc	cag	cag	gtt	gtt	gca	gag	gca	aaa	gag	aag	gge	Tur	y 1.0	ayy Ara	4332
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236	гуз	ASII	1111	GIII	805	GIU	O I y	Olu	*** 9	810	1114				815		
	сал	aaa	acq	aca		gat	ata	ata	aaa		act	atq	ata	gat		gac	2496
230	Gln	Glv	Thr	Ala	Ala	Asp	Ile	Ile	Lvs	Leu	Ala	Met	Ile	Ásp	Ile	Asp	
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RAW SEQUENCE LISTING DATE: 04/26/2002 PATENT APPLICATION: US/09/641,319B TIME: 12:39:38

Input Set : A:\04578-~1.txt

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274 Asn Ala Val Tyr Gly Val Ala Arg Met Leu Val Lys Phe Ile Lys Glu
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278 His Ile Ile Pro Glu Lys Asp Tyr Ala Ala Val Ala Phe Asp Lys Lys
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282 Ala Ala Thr Phe Arg His Lys Leu Leu Glu Ala Tyr Lys Ala Gln Arg
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286 Pro Lys Thr Pro Asp Leu Leu Val Gln Gln Leu Pro Tyr Ile Lys Arg
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                  85
290 Leu Ile Glu Ala Leu Gly Phe Lys Val Leu Glu Leu Glu Gly Tyr Glu
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295 115
298 Asp Glu Ile Phe Ile Ile Thr Gly Asp Lys Asp Met Leu Gln Leu Val
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299 130
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306 Glu Leu Tyr Asp Ser Lys Lys Val Lys Glu Arg Tyr Gly Val Glu Pro
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                   165
310 His Gln Ile Pro Asp Leu Leu Ala Leu Thr Gly Asp Glu Ile Asp Asn
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311
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322 Pro Gln Arg Val Arg Lys Ala Leu Leu Arg Asp Arg Glu Val Ala Ile
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326 Leu Ser Lys Lys Leu Ala Thr Leu Val Thr Asn Ala Pro Val Glu Val
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331 260
334 Pro Ile Leu Lys Glu Leu Glu Phe Ala Ser Ile Met Lys Glu Leu Gln
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335 275
338 Leu Tyr Glu Glu Ala Glu Pro Thr Gly Tyr Glu Ile Val Lys Asp His
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                                           315
346 Ala Leu Asp Leu Glu Thr Ser Ser Leu Asp Pro Phe Asn Cys Glu Ile
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                                       330
350 Val Gly Ile Ser Val Ser Phe Lys Pro Lys Thr Ala Tyr Tyr Ile Pro
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354 Leu His His Arg Asn Ala Gln Asn Leu Asp Glu Thr Leu Val Leu Ser
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Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104,pp.29631-32) (Sec.1.823 of new Rules)

Seq#:8,11,16,19,23,26,29,33,35,37,39

VERIFICATION SUMMARY

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DATE: 04/26/2002

PATENT APPLICATION: US/09/641,319B

TIME: 12:39:39

Input Set : A:\04578-~1.txt

Output Set: N:\CRF3\04262002\I641319B.raw

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